

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR**

**CITY OF PASADENA WATER AND POWER
(WADSWORTH WELL NO. 59)**

**NPDES NO. CAG994005
CI-7960**

FACILITY ADDRESS

109 N. Vinedo Avenue
Pasadena, CA 91107

FACILITY MAILING ADDRESS

150 S. Los Robles Avenue, Suite 200
Pasadena, CA 91101

PROJECT DESCRIPTION:

The City of Pasadena Water and Power owns and operates potable water supply well, Wadsworth Well No. 59 located at 109 N. Vinedo Avenue, Pasadena. The discharges covered by this permit include groundwater from potable water supply generated during well drilling, construction and development related activities of the well. The pumped groundwater will be collected into sedimentation tanks and will be dechlorinated before being discharged into the Rio Hondo.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 1.08 million gallons per day (mgd) of groundwater will be discharged during the short-term pumping tests, which are expected to last for two days. The discharge flows into the storm drain near Sierra Madre Boulevard. Discharge from the storm drain flows into Eaton Wash, thence into Rio Hondo Channel (upstream of Whittier Narrows Flood Control Basin) (Latitude: 34° 08' 56", Longitude: 118° 05' 52"), a water of the United States. The site location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A. Therefore, the effluent limits for toxic compounds in Section E.2. are not applicable to your discharge. The discharge flows into Rio Hondo (upstream of Whittier Narrows Flood Control Basin) that has designated beneficial use of MUN (Potential). The effluent limitations in Attachment B.7.g are applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	150	
Nitrogen ¹	mg/L	8	
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent and seasonal.

REUSE OF WATER:

Offsite disposal of treated waste is not feasible due to high cost of disposal. The site vicinity has no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.

¹ Nitrate-nitrogen plus nitrite nitrogen.